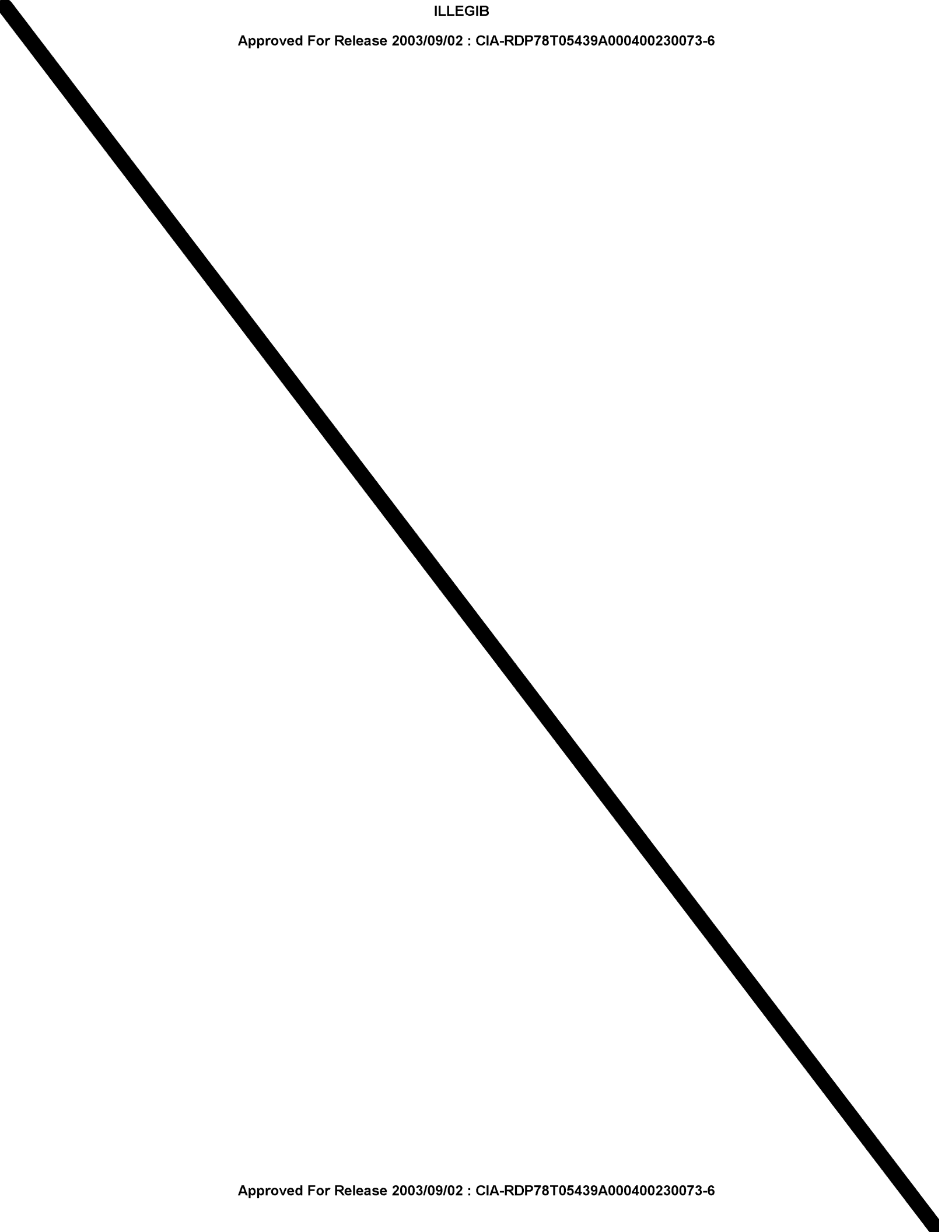


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7 December 1964

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MEMORANDUM FOR: NSA/TCO

ATTENTION :

25X1A

THROUGH :

NSA/LO/NPIC

SUBJECT : Search for Cruise-Missile Guidance Areas
in Kola Peninsula and Black SeaREFERENCE : NSA Requirement
(NPIC Project N 1107-077)

1. This memorandum is in response to your requirement requesting a search be made for cruise-missile guidance areas within 25 nautical mile radii of 10 locations in the Kola Peninsula and Black Sea areas of the USSR. Although excellent [] photography was used for the search, cruise-missile sites were identified in only two of the 10 areas. Table 1 presents information on these and other defensive-missile sites found in the searched areas.

2. The scale of [] photography is too small for identification of the cruise-missile guidance-area components -- the guidance areas register little larger than pinhole size. Therefore, no annotated photographs of the guidance areas are included herewith. It has been stated elsewhere but may be worthwhile repeating that it has never

[]
pointed out that cruise-missile sites are especially difficult to identify even on relatively large-scale aerial photography, such as that available of Cuba. Thus, although cruise-missile sites were observed in only two of the areas searched, it is possible that sites are present in the other areas but are not identifiable.

3. This project is considered to be complete.

Declass Review by NIMA/DOD

Assistant for Photographic Analysis, NPIC

Enclosure:
Table 1GROUP 1
Excluded from automatic
downgrading and
declassification

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Table 1. Defensive-Missile Sites in Area of Search

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Area of Search	No of Sites		Data on SA-2 SAM Sites								
	Cruise-Missile		Site Name and Designator	BE No	Coordinates	Configuration	Date 1st Appeared	Distance (nm)/Direction from Name Town/City	Mission Reference	Map Sheet Reference (USATC Series 200)	
Kola Peninsula Area											
25-nm-radius of:											
Ostrov Kildin (69-24N 34-12E)	3	1 1	Murmansk SAM Site D05-2	25X1A	69-20-10N 34-16-10E	Link		4/southeast		0051-18	
Tsyg-Navolok (69-45N 33-05E)		1	Pechenga SAM Site D08-2		69-42-20N 33-03-20E	Probable Link		3/south		0051-13	
Mys Navolok (69-54N 32-20E)		1	Pechenga SAM Site D07-2		69-46-00N 32-36-30E	Fan		10/southeast		0051-13	
Purmaniki (69-47N 31-50E)		1	Pechenga SAM Site D06-2		69-44-00N 31-49-30E	Link		3/south		0051-12	

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Table 1. Defensive-Missile Sites in Areas of Search (Continued)

Area of Search	No of Sites		Data on SA-2 SAM Sites							Map Sheet Reference (USATC Series 200)
	Cruise-Missile		Site Name and Designator	BE No	Coordinates	Configuration	Date 1st Appeared	Distance (nm)/Direction from Name Town/City	Mission Reference	
Cuba Peninsula Area (Cont'd) 25-nm-radius of: Unnamed point (20-25N 53-50E)										
	1	1	Panama SAM Site C02-2	25X1A	69-22-50N 33-28-30E	Fan	25X1D	3/south		25X1 0051-18
Black Sea Area 25-nm-radius of: Poti (42-10N 41-40E)										
	1	1	Poti SAM Site A35-2	25X1A	42-12-00N 41-39-30E	Link	25X1D	2/north		25X1 0324-15
Sukhumi (43-00N 41-02E)										
	1	1	Sukhumi SAM Site A15-2	25X1A	42-56-15N 41-05-00E	Fan	25X1D	4/southeast		25X1 0524-9

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Table 1. Defensive-Missile Sites in Areas of Search (Continued)

Area of Search	No of Sites	Data on SA-2 SAM Sites								
	Cruise-Missile SA-3 SAM SA-2 SAM	Site Name and Designator	BE No	Coordinates	Configura- tion	Date 1st Appeared	Distance (nm)/Dir- ection from Name Town/ City	Mission Refer- ence	Map Sheet Refer- ence (USATC Series 200)	
Black Sea Area (43-50N 39-45E) 25-nm-radius of:										
			25X1A				25X1D		25X	
Sochi (43-36N 39-45E)	1	Sochi SAM Site A33-2		43-39-50N 39-38-45E	Link		6/southeast		0324-3	
Tuapse (44-06N 39-12E)	1	Tuapse SAM Site (no designator)		44-05-50N 39-02-40E	Undeter- mined		7/west		0249-23	
Unnamed point (Kerch area) (45-20N 36-50E)	1	Kerch SAM Site B20-2		45-07-50N 36-21-00E	Star		15/southwest		0249-16	

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